

# CHEMIKO GUARD FLEXO 200

High quality polymer modified flexible cementitious coating

1/1/2017



## DESCRIPTION

**CHEMIKO GUARD FLEXO 200** is a two-component highly flexible waterproofing system. The dried system provides excellent adhesion, waterproofing properties, crack bridging, elongation, flexibility, apart from UV-stable coating. For better performance cover with protection layer.

## BENEFITS/ CHARACTERISTICS

- Easy to use: Easy to apply by brush, roller, or squeegee.
- Consistent quality: No site additions ensure uniform performance.
- Durability: Highly durable and UV tolerant.
- Adhesion: Excellent bond strength to porous and non-porous concrete surfaces.
- Flexibility: The Part-B component is specially blended copolymer of acrylic latex which improves adhesion, flexibility, and waterproofing characteristics.
- Anti-carbonation: A membrane of 1.5 to 1.8 mm provides an excellent shield against the penetration of carbon dioxide and chloride ions.
- Waterproofing & Vapour Permeability: Excellent resistance to ingress of water.

## FIELD OF APPLICATION / USES

- Basements, Rafts, Retaining Walls
- Roof slabs such as parking decks, roof decks
- Podium slabs, Green areas, Planter boxes
- Waterproofing under terrazzo or tile floors
- Shower-pan, Kitchen, Laundry, and Bathroom floors

## TECHNICAL DATA

Type	2 component (Part-1 Powder, Part-2 Liquid)
Powder Liquid Ratio (Powder : Liquid)	2:1
Water absorption	< 4%
Tensile strength	> 2.0 N/mm <sup>2</sup>
Bonding strength with concrete at 7 days	200 ± 10%
% Elongation	3 ± 1.5 N/mm <sup>2</sup>
Crack Bridging	> 2 mm

## COVERAGE

7-8 sq. ft./kg for 2 coats for thickness >1 mm (coverage depends on the nature of surface).

## DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential nonperformance.



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## APPLICATION INSTRUCTIONS

### Surface Preparation

- The surface must be strong and free from dirt, dust, and loose particles.
- Thoroughly wire brush the surface and clean the dust by air compressor or wash the surface with water.
- Oil and grease must be removed using degreasing solvents.
- Any damaged surface must be repaired by using polymer-modified repair mortar.

### Mixing

- Shake well the liquid component to a homogeneous milky colour before mixing.
- Transfer the entire quantity of liquid component into a suitable clean mixing vessel.
- Gradually start adding the powder component under constant mixing with a stirrer using a pneumatic or electric power tool (1 kW) at slow speed at 250–300 rpm for 3–5 minutes to obtain a homogeneous and uniform free-flowing slurry.

### Application

- After proper surface preparation, apply 2 coats of CHEMIKO GUARD FLEXO 200 mixed slurry in a perpendicular direction.
- Water can be added to make the slurry brushable if thick.
- Apply a minimum of 2 coats with a thickness of 1.5 mm per coat.
- Leave it to dry for 24 hours.
- In case of swimming pools or water tanks, leave it for 7 days before filling with water, as well as before conducting mock-up or ponding tests on site.

## HEALTH & SAFETY

CHEMIKO GUARD FLEXO 200 is safe, non-toxic, and eco-friendly and presents no health hazard. Use protective clothing such as gloves and goggles.

- Inhalation: Inhalation of vapour or mist should be avoided. If inhaled, symptoms include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Immediately shift the victim to fresh air, and if needed, start artificial respiration. Give oxygen if breathing is laboured. Seek emergency medical help.
- Skin Contact: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.
- Eye Contact: Flush eyes with water for 15 minutes and call for medical help.
- Ingestion: Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed, do not induce vomiting. Seek immediate medical attention.

## STORAGE & SHELF LIFE

- Shelf life is 12 months in unopened container.
- Store away from sunlight and preferably below 30°C.

## AVAILABLE PACKING: 15 kg & 30kg,

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ISO 9001:2015